(FILE 'HOME' ENTERED AT 09:48:22 ON 07 MAY 2002) FILE 'BIOTECHNO, CONFSCI, BIOTECHDS, JAPIO' ENTERED AT 09:48:38 ON 07 MAY 2002 326633 S (BACTER? OR MICROB?) L19476 S L1 AND (GRANULE? OR CRYSTAL?) L2519 S L2 AND (IMMOBILIS? OR IMMOBILIZ?) L3 5 S L3 AND DEHYDRAT? L462 S L3 AND POLYMER? L5 L6 88 S L3 AND BIOSENS? 47 S L3 AND SENSOR? L7 L8104 S L6 OR L7 L9 20 S L5 AND L8 23358 S L1 AND (BEAD? OR PARTIC?) L10 2493 S L10 AND (IMMOBILIS? OR IMMOBILIZ?) L1112 S L11 AND DEHYDRAT? L12 106 S L11 AND (BIOSENS? OR SENSOR?) L13 336 S L11 AND POLYMER? L14L15 18 S L13 AND L14 L16 17 S L15 NOT L9 32003 S L2 OR L10 L17 1510 S L17 AND (SEWAGE? OR SLUDGE? OR WASTEWATER?) L18 203 S L18 AND (IMMOBILIZ? OR IMMOBILIS?) L19 1 S L19 AND (BIOSENS? OR SENSOR?) L20 22 S L19 AND POLYMER? L21 21 S L17 AND MLSS L22 FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 09:57:58 ON 07 MAY 2002 183304 S (BACTER? OR MICROB?) (P) (GRANUL? OR CRYSTAL? OR PARTIC? OR L23 BEA 4722 S L23 AND (IMMOBILIS? OR IMMOBILIZ?) L24 12 S L24 AND DEHYDRAT? L25 9 DUPLICATE REMOVE L25 (3 DUPLICATES REMOVED) L26 667 S L24 AND POLYMER? L27 676 S L24 AND (SENSOR? OR BIOSENS?) L28 117 S L27 AND L28 L29 75 DUPLICATE REMOVE L29 (42 DUPLICATES REMOVED) L30 L31 34 S L23 AND MLSS 15 DUPLICATE REMOVE L31 (19 DUPLICATES REMOVED) L32 560 S L24 AND (SEWAGE? OR SLUDGE? OR WASTEWATER?) L33

81 S L33 AND POLYMER?

14 S L33 AND (SENSOR? OR BIOSENS?)

9 DUPLICATE REMOVE L35 (5 DUPLICATES REMOVED)
63 DUPLICATE REMOVE L34 (18 DUPLICATES REMOVED)

L34

L35 L36

L37

	Туре	L #	Hits	Search Text	DBs	Time Stamp	Comment
1	BRS	L1	13520	microbe or microbial or bacteria or bacetrium or bacterial	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 11:02	
2	BŖS	L2	19227	1 and (granule or particle or particular or bead or microbead or crystal)	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:46	
3	BRS	L3	10841	1 same (granule or particle or particular or bead or microbead or crystal)	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:50	
4	BRS	L5	1024	3 and (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilised)	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:47	
5	BRS	L6	33	5 and (dehydrate or dehydration)	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:48	
6	BRS	L7	196	5 and (sensor or biosensing or biosensor)	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:48	
7	BRS	L8	611	5 and (polymer or polymeric)	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:48	

	Туре	L #	Hits	Search Text	DBs	Time Stamp	Comment s
8	BRS	L9	174	7 and 8	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:49	
9	BRS .	L10	3	5 and mlss	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:49	
10	BRS	L11	57 .	5 and (sludge or wastewater or sewage)	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:50	
11	BRS	L12	322	<pre>l same ((granule or particle or particular or bead or microbead or crystal) same (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilised))</pre>	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 11:02	
12	BRS	L13	22	12 and 7	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:55	
13	BRS	L16	2	6 and 12	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:56	
14	BRS	L17	33	11 and 12	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 10:56	

	Туре	L#	Hits	Search Text	DBs	Time Stamp	Comment s
15	BRS	L18		microorganism same ((granule or particle or particular or bead or microbead or crystal) same (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilise or immobilised))	GPUB	2002/05/0 7 11:01	
16	BRS	L19	200	18 not 12	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 11:01	
17	BRS	L20	0	19 and (6 or 7 or 11)	US-P GPUB; EPO; JPO; DERW ENT	2002/05/0 7 11:01	
18	BRS	L22	12303 4	microbe or microbial or bacteria or bacetrium or bacterial or microorganism	USPA T	2002/05/0 7 11:02	
19	BRS	L24	707	22 same ((granule or particle or bead or microbead or crystal) same (immobilize or immobilization or immobilisation or immobilise or immobilise or immobilised))	USPA T	2002/05/0 7 11:09	
20	BRS	L25	4	24 and mlss	USPA T	2002/05/0 7 11:04	
21	BRS	L26	100	24 and (sludge or wastewater or sewage)	USPA T	2002/05/0 7 11:05	
22	BRS	L27	62	24 and (sensor or biosensor or biosensing)	Т	2002/05/0 7 11:05	
23	BRS	L28	53	24 and (dehydrate or dehydration)	USPA T	2002/05/0 7 11:05	
24	BRS	L29	18	26 and (27 or 28)	USPA T	2002/05/0 7 11:05	
25	BRS	L30	7	27 and (26 or 28)	USPA T	2002/05/0 7 11:05	

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	Туре	L #	Hits	Search Text	DBs	Time Stamp	Comment
26	BRS	L31	15	28 and (26 or 27)	USPA T	2002/05/0 7 11:05	
27	BRS	L32	20	29 or 30 or 31	Т	2002/05/0 7 11:08	
28	BRS	L33	55	27 not 32	1	2002/05/0 7 11:08	
29	BRS	L35	16	22 same (((granule or particle or bead or microbead or crystal) same (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilised) same (sludge or sewage or wastewater)))		2002/05/0 7 11:11	
30	BRS	L34	11	22 same (((granule or particle or bead or microbead or crystal) same (immobilize or immobilized or immobilization or immobilisation or immobilise or immobilised) same (biosensor or biosensing or sensor or dehydrate or dehydration)))	USPA T	2002/05/0 7 11:11	